

# GOME Daily Report

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## 1 - General Info

### 1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	10-APR-2010
Start Time of First Product	00:47:20
Stop Time of Last Product	22:57:52
Number of EGOI Products analysed	33
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

### 1.2 - List of received products

Name	Date	Time
EGOI_100410BEEP2415.E2	10-APR-2010	02:57:46.111
EGOI_100410BEEP2421.E2	10-APR-2010	04:38:28.726
EGOI_100410GSEP3762.E2	10-APR-2010	00:54:51.363
EGOI_100410GSEP3794.E2	10-APR-2010	02:31:14.450
EGOI_100410GSEP3824.E2	10-APR-2010	04:12:07.569
EGOI_100410GSEP3831.E2	10-APR-2010	05:54:24.692
EGOI_100410KSEP9221.E2	10-APR-2010	06:12:51.809
EGOI_100410KSEP9247.E2	10-APR-2010	07:52:40.416
EGOI_100410KSEP9268.E2	10-APR-2010	09:32:18.525

EGOI_100410KSEP9298.E2	10-APR-2010	11:11:56.632
EGOI_100410KSEP9326.E2	10-APR-2010	12:51:10.743
EGOI_100410KSEP9335.E2	10-APR-2010	14:30:00.850
EGOI_100410KSEP9346.E2	10-APR-2010	16:07:44.949
EGOI_100410KSEP9373.E2	10-APR-2010	17:45:41.044
EGOI_100410KSEP9404.E2	10-APR-2010	19:23:40.143
EGOI_100410KSEP9428.E2	10-APR-2010	21:03:45.258
EGOI_100410KSEP9453.E2	10-APR-2010	22:46:18.884
EGOI_100410MAEP0862.E2	10-APR-2010	09:40:02.068
EGOI_100410MAEP0882.E2	10-APR-2010	20:56:10.711
EGOI_100410MIEP8991.E2	10-APR-2010	02:28:08.431
EGOI_100410MIEP9018.E2	10-APR-2010	14:48:21.955
EGOI_100410MIEP9047.E2	10-APR-2010	16:26:21.062
EGOI_100410MMEP6202.E2	10-APR-2010	01:51:24.708
EGOI_100410MMEP6218.E2	10-APR-2010	20:17:43.481
EGOI_100410MMEP6227.E2	10-APR-2010	21:58:00.587
EGOI_100410MSEP1445.E2	10-APR-2010	00:47:19.812
EGOI_100410MSEP1465.E2	10-APR-2010	11:24:59.715
EGOI_100410MSEP1489.E2	10-APR-2010	13:05:37.830
EGOI_100410MSEP1522.E2	10-APR-2010	22:34:08.310
EGOI_100410SGEP4769.E2	10-APR-2010	03:09:02.678
EGOI_100410SGEP4776.E2	10-APR-2010	04:49:43.796
EGOI_100410SGEP4782.E2	10-APR-2010	14:09:09.717
EGOI_100410SGEP4789.E2	10-APR-2010	15:50:58.347

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### 1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
GS	78271	10-APR-2010	02:30:09.869	02:31:14.449	64.580000
GS	78272	10-APR-2010	04:10:51.570	04:12:07.568	75.998000
MI	78271	10-APR-2010	02:26:35.741	02:28:08.430	92.689000
BE	78271	10-APR-2010	02:56:02.123	02:57:46.110	103.98700
SG	78271	10-APR-2010	03:07:12.531	03:09:02.678	110.14700
SG	78271	10-APR-2010	03:14:32.713	03:20:50.060	377.34700
SG	78272	10-APR-2010	04:48:36.260	04:49:43.795	67.535000
SG	78272	10-APR-2010	04:55:42.331	04:57:32.557	110.22600

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### 1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	78269	09-APR-2010	23:57:58.438	00:12:29.488	871.05000

MM	78269	10-APR-2010	00:08:57.290	00:20:18.729	681.43900
HO	78270	10-APR-2010	01:39:30.672	01:50:39.868	669.19600
MM	78271	10-APR-2010	03:34:05.233	03:41:11.390	426.15700
CM	78271	10-APR-2010	04:03:27.295	04:15:52.516	745.22100
MM	78272	10-APR-2010	05:16:55.919	05:22:42.337	346.41800
MI	78272	10-APR-2010	04:04:52.996	04:17:32.375	759.37900
MM	78273	10-APR-2010	06:58:30.313	07:05:30.700	420.38700
JO	78273	10-APR-2010	06:39:43.886	06:49:24.342	580.45600
MM	78274	10-APR-2010	08:39:09.102	08:48:30.581	561.47900
MA	78274	10-APR-2010	08:01:42.968	08:10:09.417	506.44900
JO	78274	10-APR-2010	08:15:39.812	08:30:41.484	901.67200
MM	78275	10-APR-2010	10:19:24.780	10:30:42.284	677.50400
MM	78276	10-APR-2010	11:59:26.421	12:11:49.386	742.96500
MA	78276	10-APR-2010	11:19:35.233	11:28:08.897	513.66400
MS	78276	10-APR-2010	11:23:09.472	11:36:21.026	791.55400
MM	78277	10-APR-2010	13:39:14.212	13:51:57.817	763.60500
MS	78277	10-APR-2010	13:03:45.602	13:13:29.208	583.60600
BE	78278	10-APR-2010	14:12:39.857	14:26:04.308	804.45100
MM	78278	10-APR-2010	15:18:46.299	15:31:25.094	758.79500
GS	78278	10-APR-2010	14:40:00.385	14:50:53.533	653.14800
BE	78279	10-APR-2010	15:55:42.729	16:03:16.680	453.95100
MM	78279	10-APR-2010	16:58:02.560	17:10:34.291	751.73100
GS	78279	10-APR-2010	16:18:48.907	16:32:36.401	827.49400
CM	78279	10-APR-2010	16:27:25.739	16:39:50.998	745.25900
MM	78280	10-APR-2010	18:37:10.574	18:49:46.169	755.59500
GS	78280	10-APR-2010	17:59:24.525	18:08:44.995	560.47000
JO	78280	10-APR-2010	19:00:16.446	19:06:30.545	374.09900
MA	78281	10-APR-2010	19:19:03.593	19:27:39.455	515.86200
JO	78281	10-APR-2010	20:35:44.773	20:50:43.867	899.09400
HO	78282	10-APR-2010	21:51:29.030	22:00:32.920	543.89000
JO	78282	10-APR-2010	22:16:33.861	22:27:23.006	649.14500
HO	78283	10-APR-2010	23:26:55.039	23:41:11.639	856.60000
MM	78283	10-APR-2010	23:37:04.388	23:48:51.254	706.86600
MA	78283	10-APR-2010	22:39:11.060	22:45:05.641	354.58100

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## 1.5 - List of corrupted products

## 2 - Instrument Indicators and Daily Plots

### 2.1 - Instrument Indicators Status

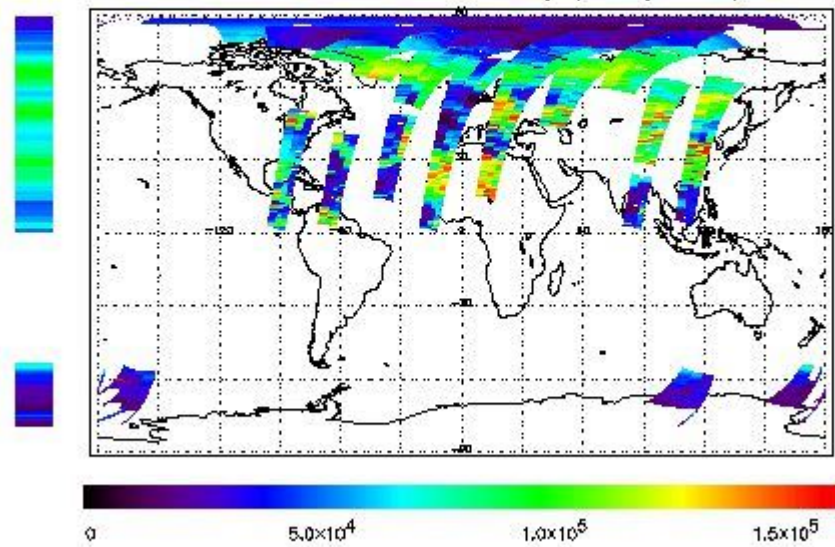
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror position	OK
Polarization Detectors	OK
FPA Temperatures A	OK
FPA Temperaturas B	OK
Charge Amp Temperatures	OK
Other Temperatures A	OK
DDHU Temperatures	OK
Optical Bench Temperatures	OK
Other Temperatures B	OK
Calibration Lamp and Instr. Status 3	OK
Scan Mirror and Motor Current	OK
Selected Temperature A	OK
Selected Temperature B	OK
Selected Temperature C	OK
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK
Log Pages	OK
331/338 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK

### 2.2 - Daily Plots

The images linked below provide a quick check on the data coverage and instrument performance. All data are UNCALIBRATED. For the explanation see the [GOME Performance Legend](#)

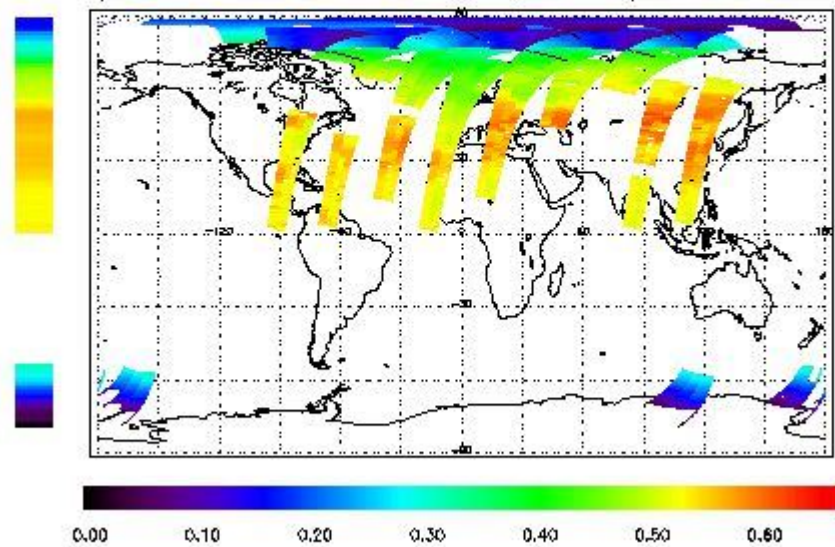
NEAR IR Intensity

778 nm Uncalibrated Intensity (Binary Units)



### Ozone Line Ratio

331/313 nm Uncalibrated Line Ratio, SZA Dependence Removed



### PMD Image (Earthshine Radiance)



## 5 - Instrument Operations

[Additional Info](#)

### 5.1 - Timeline Interruptions

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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### 5.2 - TST44

Start Time	Start Orbit	Ground Station Visibility
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### 5.3 - Power Cycle

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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### 5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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### 5.5 - Narrow Swath Timeline

Start Time	End Time	Start Orbit	End Orbit
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### 5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	End Orbit
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